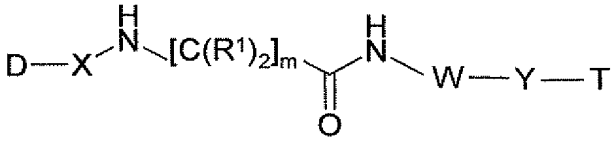
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula I



I

in which

D denotes thienyl ~~aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms~~ which is unsubstituted or mono- or polysubstituted by Hal, A, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$ or $CON(R^2)_2$,

X denotes -C=O ~~or $C(R^3)_2$~~,

W denotes $-[C(R^3)_2]_n-$,

R^1 denotes H or A, which may be substituted by OR^3, $S(O)_nR^3$, $N(R^3)_2$, CN, $COOR^3$, $CON(R^3)_2$, $OCON(R^3)_2$, $N(R^3)COOR^3$, $N(R^3)CON(R^3)_2$, $N(R^3)SO_2R^3$, $SO_2N(R^3)_2$ or -C≡C-,

R^2 denotes H, A, $-[C(R^3)_2]_n$-Ar', $-[C(R^3)_2]_n$-Het', $-[C(R^3)_2]_n$-cycloalkyl, $-[C(R^3)_2]_n-N(R^3)_2$ or $-[C(R^3)_2]_n-OR^3$,

R^3 denotes H or A,

Y denotes ~~alkylene, cycloalkylene, Het-diyl or~~ Ar-diyl,

T denotes a mono- or bicyclic saturated, unsaturated or aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms which is mono- or disubstituted by =O, =S, $=NR^2$, =N-CN, $=N-NO_2$, $=NOR^2$, $=NCOR^2$, $=NCOOR^2$, and/or $=NOCOR^2$ and may furthermore be mono-, di- or trisubstituted by R^2, Hal, A, $-[C(R^3)_2]_n$-Ar, $-[C(R^3)_2]_n$-Het, $-[C(R^3)_2]_n$-cycloalkyl, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$, $CON(R^2)_2$, NR^2COA, $NR^2CON(R^2)_2$, NR^2SO_2A, COR^2, SO_2NR^2 and/or $S(O)_nA$,

A denotes unbranched or branched alkyl having 1-10 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or 1-7 H atoms may be replaced by F,

Ar denotes phenyl, naphthyl or biphenyl, each of which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$, $CON(R^2)_2$, NR^2COA,

$NR^2CON(R^2)_2$, NR^2SO_2A, COR^2, $SO_2N(R^2)_2$, $S(O)_nA$, $-[C(R^3)_2]_n-COOR^2$ or $-O-[C(R^3)_2]_o-COOR^2$,

Ar' denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3SO_2A, COR^3, $SO_2N(R^3)_2$, $S(O)_nA$, $-[C(R^3)_2]_n-COOR^3$ or $-O-[C(R^3)_2]_o-COOR^3$,

Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by carbonyl oxygen, =S, $=N(R^2)_2$, Hal, A, $-[C(R^3)_2]_n-Ar$, $-[C(R^3)_2]_n-Het'$, $-[C(R^3)_2]_n-$cycloalkyl, $-[C(R^3)_2]_n-OR^2$, $-[C(R^3)_2]_n-N(R^3)_2$, NO_2, CN, $-[C(R^3)_2]_n-COOR^{2'}$, $-[C(R^3)_2]_n-CON(R^2)_2$, $-[C(R^3)_2]_n-NR^2COA$, $NR^2CON(R^2)_2$, $-[C(R^3)_2]_n-NR^2SO_2A$, COR^2, SO_2NR^2 and/or $S(O)_nA$,

Het' denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by carbonyl oxygen, =S, $=N(R^3)_2$, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3SO_2A, COR^3, SO_2NR^3 and/or $S(O)_nA$,

Hal denotes F, Cl, Br or I,

m denotes 1 or 2,

n denotes 0, 1 or 2, and

o denotes 1, 2 or 3,

or a pharmaceutically acceptable salt, ~~hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

2. (Currently Amended) A compound according to Claim 1, in which

D denotes <u>thienyl</u> ~~an aromatic five-ring heterocycle having 1 to 2 N, O and/or S atoms~~ which is unsubstituted or mono- or disubstituted by Hal,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

3. (Currently Amended) A compound according to Claim 1, in which

D denotes ~~a~~ thienyl ~~ring~~ which is mono- or disubstituted by Hal,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

4. (Currently Amended) A compound according to claim 1, in which

R^2 denotes H or alkyl having 1, 2, 3, 4, 5 or 6 C atoms,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

5. (Currently Amended) A compound according to claim 1, in which

R^1 denotes H or A, which may be substituted by OR^3, $CON(R^3)_2$, $N(R^3)_2$, $S(O)_nR^3$, $COOR^3$, $OCON(R^3)_2$, $N(R^3)COOR^3$ or -C≡C-,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

6. (Currently Amended) A method for treating thromboses or arteriosclerosis, comprising administering to a subject in need thereof an effective amount of a pharmaceutical composition according to claim 21 ~~compound according to claim 1, in which~~

~~X denotes -C=O,~~

~~or a pharmaceutically acceptable salt, hydrate, alcoholate or stereoisomer thereof, or a mixture thereof~~.

7. (Currently Amended) A compound according to claim 1, in which

W is absent,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

8. (Currently Amended) A method for treating thromboses, myocardial infarction, arteriosclerosis, angina pectoris, restenosis after angioplasty, claudicatio intermittens, or migraine, comprising administering to a subject in need thereof an effective amount of a compound according to claim 17 ~~compound according to claim 1, in which~~

~~Y denotes Ar-diyl,~~

~~or a pharmaceutically acceptable salt, hydrate, alcoholate or stereoisomer thereof, or a mixture thereof~~.

9. (Currently Amended) A compound according to claim 1, in which

T denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 2 N and/or O atoms which is mono- or disubstituted by =O, =S, $=NR^2$, =N-CN, $=N-NO_2$, $=NOR^2$, $=NCOR^2$, $=NCOOR^2$ or $=NOCOR^2$ and may furthermore be mono- or disubstituted by Hal or A,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

10. (Currently Amended) A compound according to claim 1, in which

T denotes a mono- or bicyclic saturated or unsaturated heterocycle having 1 to 2 N and/or O atoms which is mono- or disubstituted by =O, =S or =NH,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

11. (Currently Amended) A compound according to claim 1, in which

T denotes piperidin-1-yl, pyrrolidin-1-yl, pyridin-1-yl, morpholin-4-yl, piperazin-1-yl, 1,3-oxazolidin-3-yl, pyridazin-2-yl, pyrazin-1-yl, azepan-1-yl or 2-azabicyclo[2.2.2]-octan-2-yl, each of which is mono- or disubstituted by =O or =NH,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

12. (Currently Amended) A compound according to claim 1, in which

Ar denotes phenyl which is unsubstituted or mono- or disubstituted by Hal, A, OA, SO_2A, $COOR^2$, SO_2NH_2 or CN,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

13. (Currently Amended) A compound according to claim 1, in which

Ar denotes phenyl which is unsubstituted or mono- or disubstituted by A and/or Hal,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

14. (Currently Amended) A compound according to claim 1, in which

D denotes thienyl ~~aromatic five-ring heterocycle having 1 to 2 N, O and/or S atoms~~ which is unsubstituted or mono- or disubstituted by Hal,

R^1 denotes H or A, which may be substituted by OR^3, $CON(R^3)_2$, $N(R^3)_2$, $S(O)_nR^3$, $COOR^3$, $OCON(R^3)_2$, $N(R^3)COOR^3$ or -C≡C-,

R^2 denotes H or alkyl having 1, 2, 3, 4, 5 or 6 C atoms,

X denotes -C=O ~~or CH_2~~,

W is absent,

Y denotes Ar-diyl,

Ar denotes phenyl which is unsubstituted or mono- or disubstituted by A and/or Hal, and

T denotes a mono- or bicyclic saturated or unsaturated heterocycle having 1 to 2 N and/or O atoms which is mono- or disubstituted by =O, =S or =NH,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

15. (Currently Amended) A compound according to claim 1, in which

D denotes thienyl~~, thiazolyl or furyl, each of~~ which is mono- or disubstituted by Hal,

R^1 denotes H or A, which may be substituted by OR^3, $CON(R^3)_2$, $N(R^3)_2$, $S(O)_nR^3$, $COOR^3$, $OCON(R^3)_2$, $N(R^3)COOR^3$ or -C≡C-,

R^2 denotes H or alkyl having 1, 2, 3, 4, 5 or 6 C atoms,

X denotes -C=O ~~or CH_2~~,

W is absent,

Y denotes Ar-diyl,

Ar denotes phenyl which is unsubstituted or mono- or disubstituted by A and/or Hal, and

T denotes piperidin-1-yl, pyrrolidin-1-yl, pyridin-1-yl, morpholin-4-yl, piperazin-1-yl, 1,3-oxazolidin-3-yl, pyridazin-2-yl, pyrazin-1-yl, azepan-1-yl or 2-azabicyclo-[2.2.2]octan-2-yl, each of which is mono- or disubstituted by =O or =NH,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

16. (Currently Amended) A compound according to claim 1, in which

D denotes thienyl ~~or phenyl, each of~~ which is mono- or disubstituted by Hal,

R^1 denotes H or A, which may be substituted by OR^3, $CON(R^3)_2$, $N(R^3)_2$, $S(O)_nR^3$, $COOR^3$, $OCON(R^3)_2$, $N(R^3)COOR^3$ or -C≡C-,

R^2 denotes H or alkyl having 1, 2, 3, 4, 5 or 6 C atoms,

R^3 denotes H or alkyl having 1, 2, 3, 4, 5 or 6 C atoms,

X denotes -C=O ~~or CH_2~~,

W is absent or denotes CH_2,

Y denotes Ar-diyl,

A denotes alkyl having 1, 2, 3, 4, 5 or 6 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by –CH=CH- groups and/or also 1-7 H atoms may be replaced by F,

Ar denotes phenyl which is unsubstituted or mono- or disubstituted by A and/or Hal, and

T denotes piperidin-1-yl, pyrrolidin-1-yl, pyridin-1-yl, morpholin-4-yl, piperazin-1-yl, 1,3-oxazolidin-3-yl, pyridazin-2-yl, pyrazin-1-yl, azepan-1-yl or 2-azabicyclo-[2.2.2]octan-2-yl, each of which is mono- or disubstituted by =O or =NH,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

17. (Currently Amended) A compound ~~according to Claim 1~~, which is

(S)-2-([(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(S)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(S)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyrazin-1-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyrazin-1-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-

4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-iminopiperidin-1-yl)phenyl]-4-methylvaleramide,

(S)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-iminopiperidin-1-yl)phenyl]-4-methylvaleramide,

2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(2-oxopiperidin-1-yl)phenyl]acetamide,

3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(2-oxopiperidin-1-yl)phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-methylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]valeramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-aminocarbonylpropionamide,

~~(R)-2-[(4-chlorophenylcarbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,~~

~~(R)-2-[(4-chlorophenylcarbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,~~

2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-(*N*,*N*-dimethylamino)propionamide,

(R)-2-[(5-bromothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxopiperidin-1-yl)benzyl]-4-methylvaleramide,

~~2-[(5-chlorothiophene-2-methyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,~~

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-methylsulfanylpropionamide,

(S)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxopiperidin-1-yl)benzyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-methylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-3-methylbutyramide,

3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]propionamide,

3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]propionamide,

3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]propionamide,

2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]acetamide,

2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]acetamide,

2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]acetamide,

3-[(5-chlorothiophene-2-carbonyl)amino]-N-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-2-butylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]valeramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-3-methylsulfanylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyrazin-1-yl)-phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methylsulfanylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-ethynylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-ethynylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-fluoro-4-(3-oxomorpholin-4-yl)-phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-4-methylsulfanylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-(*tert*-butyloxycarbonyl)propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-vinylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-vinylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-(*tert*-butyloxycarbonyl)propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-methoxybutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-4-methoxybutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-fluoro-4-(3-oxomorpholin-4-yl)phenyl]-4-methylvaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-fluoro-4-(3-oxomorpholin-4-yl)phenyl]valeramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-chloro-4-(3-oxomorpholin-4-yl)phenyl]propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-(*tert*-butyloxycarbonyl)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-4-(*tert*-butyloxycarbonyl)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxopiperidin-1-yl)phenyl]-4-(*tert*-butyloxycarbonyl)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-(*tert*-butyloxycarbonylamino)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-4-(*tert*-butyloxycarbonylamino)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-5-(*tert*-butyloxycarbonylamino)valeramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-5-(*tert*-butyloxycarbonylamino)valeramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-(*tert*-butyloxycarbonylamino)propionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-(*tert*-butyloxycarbonylamino)propionamide,

(R)-3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]butyramide,

(R)-3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-5-methyladipamide,

(S)-3-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-5-methyladipamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-methoxypropionamide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxo- morpholin-4-yl)-phenyl]-3-methoxybutyramide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-methoxybutyramide,

(S)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-trifluoromethyl-4-(3-oxomorpholin-4-yl)phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-chloro-4-(2-azabicyclo[2.2.2]-octan-2-yl)phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-trifluoromethoxy-4-(2-azabicyclo-[2.2.2]octan-2-yl)phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-chloro-4-(3-oxomorpholin-4-yl)-phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-fluoro-4-(3-oxomorpholin-4-yl)-phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-chloro-4-(2-oxo-2*H*-pyridin-1-yl)-phenyl]-3-methoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-allylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-propoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-ethoxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-(2-methoxyethoxy)propionamide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-ethoxybutyramide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-(2-methoxyethoxy)butyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-methylsulfonylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-3-methylsulfonylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-methylsulfonylpropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-methylsulfonylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-methylsulfonylbutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(2-oxo-2*H*-pyridin-1-yl)phenyl]-3-methylsulfonylbutyramide,

~~(R)-2-[(5-chlorothiophen-2-ylmethyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)-phenyl]valeramide,~~

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-carboxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-carboxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-carboxybutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-4-carboxybutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-4-aminobutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-4-aminobutyramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-5-aminovaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-5-aminovaleramide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-aminopropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)-phenyl]-3-aminopropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-hydroxypropionamide,

(R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-4-(3-oxomorpholin-4-yl)phenyl]-3-hydroxypropionamide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-hydroxybutyramide,

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[4-(3-oxomorpholin-4-yl)phenyl]-3-aminocarbonyloxybutyramide,

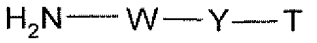
(2R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-aminocarbonyloxypropionamide, or

(2R,3R)-2-[(5-chlorothiophene-2-carbonyl)amino]-*N*-[3-methyl-4-(3-oxomorpholin-4-yl)phenyl]-3-aminocarbonyloxybutyramide,

or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof.

18. (Withdrawn and Currently Amended) A process for preparing a compound of formula I according to claim 1 or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, comprising

a) reacting a compound of formula II

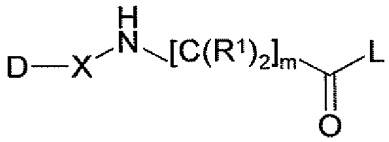


II

in which

W, Y and T have the meanings indicated for the compound of formula I,

with a compound of formula III



III

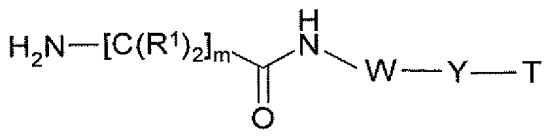
in which

L denotes Cl, Br, I or a free or reactively functionally modified OH group, and

R^1, m, X and D have the meanings indicated for the compound of formula I,

or

b) ~~for the preparation of a compound of formula I, in which X denotes -C=O,~~ reacting a compound of formula IV



IV

in which R^1, m, W, Y and T have the meanings indicated for the compound of formula I,

with a compound of formula V

D-CO-L V

in which

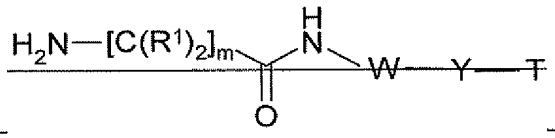
L denotes Cl, Br, I or a free or reactively functionally modified OH group, and

D has the meaning indicated for the compound of formula I,

~~or~~

~~c) for the preparation of a compound of formula I in which X denotes CH_2,~~

~~reacting a compound of formula IV~~



~~IV~~

~~in which R^1, m, W, Y and T have the meanings indicated for the compound of formula I,~~

~~with a compound of formula VI~~

~~D-CHO VI~~

~~in which~~

~~D has the meaning indicated for the compound of formula I,~~

~~in a reductive amination,~~

and/or

a base or acid of the compound of formula I is converted into one of its salts~~, hydrates or alcoholates~~.

19. (Previously Presented) A method for inhibiting coagulation factor Xa, comprising administering a compound of formula I according to claim 1 in an effective amount to inhibit coagulation factor Xa.

20. (Currently Amended) A method for inhibiting ~~compound of formula I according to claim 1 as inhibitors of~~ coagulation factor VIIa, comprising administering a compound of formula I according to claim 1 in an effective amount to inhibit coagulation factor VIIa.

21. (Currently Amended) A pharmaceutical composition comprising a compound of formula I according to claim 1 and/or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof, and a pharmaceutically acceptable excipient and/or adjuvant.

22. (Previously Presented) A pharmaceutical composition according to claim 21, further comprising a pharmaceutically active ingredient other than the compound of formula I.

23. (Withdrawn and Currently Amended) A method for treating thromboses, myocardial infarction, arteriosclerosis, ~~inflammation, apoplexy,~~ angina pectoris, restenosis after angioplasty, claudicatio intermittens, or migraine, ~~a tumor, a tumor disease and/or tumor metastases,~~ comprising administering to a subject in need thereof an effective amount of a pharmaceutical composition according to claim 21.

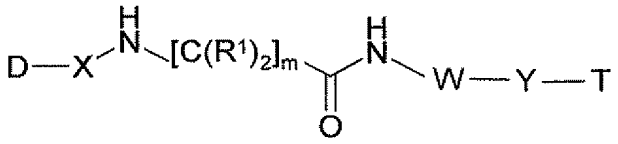
24. (Currently Amended) A set or kit comprising separate packs of

(a) a compound of formula I according to claim 1 and/or a pharmaceutically acceptable salt~~, hydrate, alcoholate~~ or stereoisomer thereof, or a mixture thereof,

and

(b) a pharmaceutically active ingredient other than the compound of formula I.

25. (Currently Amended) A compound of formula I



I

in which

D denotes thienyl ~~aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms~~ which is unsubstituted or mono- or polysubstituted by Hal, A, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$ or $CON(R^2)_2$,

X denotes -C=O ~~or $C(R^3)_2$~~,

W denotes $-[C(R^3)_2]_n-$,

R^1 denotes H or A, which may be substituted by OR^3, $S(O)_nR^3$, $N(R^3)_2$, CN, $COOR^3$, $CON(R^3)_2$, $OCON(R^3)_2$, $N(R^3)COOR^3$, $N(R^3)CON(R^3)_2$, $N(R^3)SO_2R^3$, $SO_2N(R^3)_2$ or -C≡C-,

R^2 denotes H, A, $-[C(R^3)_2]_n$-Ar', $-[C(R^3)_2]_n$-Het', $-[C(R^3)_2]_n$-cycloalkyl, $-[C(R^3)_2]_n$-$N(R^3)_2$ or $-[C(R^3)_2]_n$-OR^3,

R^3 denotes H or A,

Y denotes ~~alkylene, cycloalkylene, Het-diyl or~~ Ar-diyl,

T denotes a mono- or bicyclic saturated, unsaturated or aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms which is mono- or disubstituted by =O, =S, $=NR^2$, =N-CN, $=N-NO_2$, $=NOR^2$, $=NCOR^2$, $=NCOOR^2$, and/or $=NOCOR^2$ and may furthermore be mono-, di- or trisubstituted by R^2, Hal, A, $-[C(R^3)_2]_n$-Ar, $-[C(R^3)_2]_n$-Het, $-[C(R^3)_2]_n$-cycloalkyl, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$, $CON(R^2)_2$, NR^2COA, $NR^2CON(R^2)_2$, NR^2SO_2A, COR^2, SO_2NR^2 and/or $S(O)_nA$,

A denotes unbranched or branched alkyl having 1-10 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or 1-7 H atoms may be replaced by F,

Ar denotes phenyl, naphthyl or biphenyl, each of which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^2, $N(R^2)_2$, NO_2, CN, $COOR^2$, $CON(R^2)_2$, NR^2COA, $NR^2CON(R^2)_2$, NR^2SO_2A, COR^2, $SO_2N(R^2)_2$, $S(O)_nA$, $-[C(R^3)_2]_n$-$COOR^2$ or $-O-[C(R^3)_2]_o$-$COOR^2$,

Ar' denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal,

A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3SO_2A, COR^3, $SO_2N(R^3)_2$, $S(O)_nA$, $-[C(R^3)_2]_n-COOR^3$ or $-O-[C(R^3)_2]_o-COOR^3$,

Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by carbonyl oxygen, =S, $=N(R^2)_2$, Hal, A, $-[C(R^3)_2]_n-Ar$, $-[C(R^3)_2]_n-Het'$, $-[C(R^3)_2]_n-$cycloalkyl, $-[C(R^3)_2]_n-OR^2$, $-[C(R^3)_2]_n-N(R^3)_2$, NO_2, CN, $-[C(R^3)_2]_n-COOR^{2'}$, $-[C(R^3)_2]_n-CON(R^2)_2$, $-[C(R^3)_2]_n-NR^2COA$, $NR^2CON(R^2)_2$, $-[C(R^3)_2]_n-NR^2SO_2A$, COR^2, SO_2NR^2 and/or $S(O)_nA$,

Het' denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by carbonyl oxygen, =S, $=N(R^3)_2$, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3SO_2A, COR^3, SO_2NR^3 and/or $S(O)_nA$,

Hal denotes F, Cl, Br or I,

m denotes 1 or 2,

n denotes 0, 1 or 2, and

o denotes 1, 2 or 3,

or a pharmaceutically acceptable salt thereof.